

each of the cylindrically shaped elements having an undulating pattern of peaks and valleys, the undulating pattern of each of the cylindrically shaped elements being out of phase with the undulating pattern of each of the adjacent cylindrically shaped elements; and

each of the cylindrically shaped elements being interconnected to one of the
10 adjacent cylindrically shaped elements so that the cylindrically shaped elements form a longitudinally flexible stent.

⁶
~~30.~~ The stent of claim ⁵~~29~~, wherein the distance between adjacent cylindrically shaped elements is less than the width of either a single peak or a single valley.

⁷
~~31.~~ The stent of claim ⁵~~29~~, wherein each of the cylindrically shaped elements includes at least three peaks and three valleys.

⁸
~~32.~~ The stent of claim ⁶~~29~~, wherein the peaks and valleys have a substantially U-shaped configuration.

REMARKS

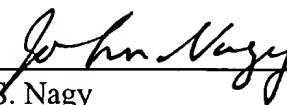
This Supplemental Preliminary Amendment is being filed to substitute the originally filed drawings with the enclosed drawings as discussed above. No new matter is believed to be presented as all of the new claims are fully supported by the specification and the drawings. Thus,

claims 25-32 are pending in the application and early consideration and allowance is earnestly solicited.

Respectfully submitted,

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